Index to Subjects

A

Acalculous cholelithiasis, diagnosis of--862
Acceleration
  arm pain from--501
  auditory thresholds and--536
  German research on--854
  health effects of--649
  in-flight cerebral oxygen monitoring in--177
  models for tolerance prediction--506, 981
  motion sickness from--1181
  neurological effects of--496
  push-pull effect in--137
  spatial disorientation from--A92
  urinary incontinence in women in high Gz--131
Accidents, aviation --see Aviation accidents
Acetaminophen, microgravity and--894
Acid-base balance, carbon dioxide exposure and--599, 610
Acute altitude sickness, intraocular pressure and--1045
Adrenal cortex, spaceflight-induced histologic changes--1033
Aerial combat maneuvers, women aviators and--957
Aerobic capacity, intermittent hypoxia and exercise in--125
Aerobic exercise, for microgravity-induced bone loss--593
Aerobic fitness, paratrooper training and--920
Aeromedical evacuation, in Greece--851
Aerospace medicine —see also Space medicine
  future of--441
  in Germany--447, 854
  in Greece--851
  history of--447, 854
  operational (editorial)--1
Aerospace Medicine Residents' Teaching File
  chest pain in divers--1157
  decompression sickness--1252
  visual disturbance with left hand paresthesia--87
Aerospace Medicine Reviews--553, 649
Age
  CogScreen-AE factor scores and--373
  CogScreen-AE factor scores and (letter reply)--1166
  CogScreen-AE factor scores and (letter to the editor)--1166
  hypoxia tolerance and--72
Air embolism, with pulmonary cysts in hypobaric chamber training--172
Air evacuation of patients --see Aeromedical evacuation
Air quality, of in-flight cabins--408, 774
Air taxis, geographic variations in accidents of--19
Air traffic controllers
  color vision tests for--1210
  effect of shiftwork on--400
Aircraft
  accidents —see Aviation accidents
  cabin air quality--408
  childbirth on--453, 754
  commercial —see Commercial aircraft
  homebuilt--388
  seating angles and spinal disease--22
Aircraft control forces
  EMG of muscle activity in experienced and novice pilots--798
  muscle activation in helicopter maneuvers--806
Aircrew --see Aviator; Flight crew
Airlines —see also Commercial aircraft
  geographic variations in aviation accidents--19
  medical emergencies and (editorial)--369
  medical kits for--77, 441, 443, 545, 1151
  use of defibrillators on (letter to the editor)--556
Airsickness --see Motion sickness
Alanine aminotransferase, elevated levels of--555
Alternative medicine, herbal medicine (review)--45
Altitude
  intermittent hypoxia and acclimation to--125
  intraocular pressure and--1045
  masks and oxygen saturation effects--1137
  performance with protective clothing and--668
  related cutis marmorata (letter to the editor)--457
  research in Germany--447
  residence and athletic performance--162
  sound localization and--991
  stay duration and attentional performance--678
  training and athletic performance--162
  women's performance and--685
Amphetamines, sleep deprivation and--7
Antarctica
  adaptation to--A126
  behavioral issues in--A17, A29
  generalizing findings from across environments--A37
  overwintering vs. expeditions--A126
  performance in--A29
  prediction of behavior and performance in--619
Anthrax vaccination, for military personnel--260
Anthropometric measurements
  after paratrooper training--920
  of sitting height--426
Anti-G suit
  for acceleration-induced arm pain--501
  carotid-cardiac baroreflex effects--31
  mathematical models for--506
Antibiotics, for puncture wounds--1063
Antihistamines
  in aviation accident pilot fatalities--1206
  sleepiness and performance changes from--2
Antiorthostatic suspension, neutrophil response to--1239
Antisocial personality, medical certification renewal and--451
Anxiety
  in aircrew members--438
  in passengers--438
  in passengers (review)--430
Aortic stenosis, sudden death from--81
Aptitude tests, in selection of U.S. Air Force pilots (review)--950
Arm pain, acceleration-induced--501
Aromatic hydrocarbons, toxic hepatitis from--556
Arousal state, promethazine and--1013
Arrhythmia, long-term follow-up of--783
Arterial oxygen saturation, mountaineering masks and--1137
Artificial intelligence, for sleep experiments--1023
Aspartate aminotransferase, elevated levels of--555
Astronauts
  expert systems for assistance with sleep experiments--1023
  longitudinal health study of--564
  situational awareness during extravehicular activity--571
Athletic performance --see Performance
Atmospheric pressure, monoamines and cholecystokinin peptide effects--1131
Attention, effect of altitude and stay duration--678
Auditory sensitivity, normobaric hypoxia and--791
Auditory threshold
  acceleration and--536
  acute hypoxia and--946
  normobaric hypoxia and--791
Autonomic nervous system
  frequency-domain analysis in microgravity--1232
  lower body negative pressure and--626
Aviation accidents
  chlorpheniramine in pilot fatalities--1206
  controlled flight into terrain--1098
  death from--564
  geographic variations in--19
  in civilian aircraft--388
  investigators for (letter to the editor)--457

post-roll illusion and--489
push-pull effect and--485
Aviation history, women in--957
Aviation medicine --see Aerospace medicine
Aviator
age and CogScreen-AE scores--373
age and CogScreen-AE scores (letter reply)--1166
age and CogScreen-AE scores (letter to the editor)--1166
cancer incidence and mortality--216
chemotherapy recovery--61
expertise and mental strategy in task performance--1218
chlorpheniramine use and fatalities--1206
health of (editorial)--205
performance —see Performance
personal invulnerability of--A133
safety of refractive keratectomy for--1057
selection and training in the U.S. Air Force (review)--950
skin disease incidence--230
stress in short-haul flights--531
Awakening, performance during--225, 843

B

Balance disturbances, static stabilimetry tests for--889
Barometric pressure, monoamines and cholecystokinin peptide effects--1131
Baroreflex
adaptation and cardiovascular response--255
G-suit inflation and--31
push-pull effect in--137
in underground transportation systems--1051
Bed rest
sympathetic nerve activity and--142
urinary calcium excretion and dietary salt in--1115
Behavior
in extreme environments--619
gravity cue for--A78
in isolated Antarctica missions--A17, A29
in isolated environments--A48
in long-duration spaceflight--A3, A29
Biliary dyskinesia, diagnosis of--862
Biological warfare, preventive medicine for--260
Birth --see Childbirth
Blood density, in head-out water immersion--632
Blood pressure
ear arterial pressure measurement of (letter to the editor)--1167
in high Gz after negative acceleration--137
in presyncope--1033
in roll vs. pitch rotation under orthostatic stress (letter to the editor)--966
in roll vs. pitch rotation under orthostatic stress (letter reply)--1262
in short-haul flights--531
Body language, in spaceflight--A51
Body measurements, anthropometric techniques for--426
Body temperature regulation --see Thermoregulation
Body weight increases, in rats exposed to microgravity--1126
Bone loss
aerobic exercise for--593
from microgravity--586, 593
Book reviews--90, 190, 266, 455, 552, 756, 1067, 1163, 1260
Botanical preparations (review)--45
Brain cancer
incidence in aircrew--216
metastasis from melanoma--245
Brain imaging, of mental strategy in aviator performance--1218
Brain bioamine depletion, under hyperbaric oxygen--929
Breast cancer, incidence in aircrew--216
Bromocriptine, for pituitary tumor-induced hyperprolactinemia--935

C

Cabin air quality
aircrew perceptions of--774
ozone and--408
Caffeine, ergogenic effect of ephedrine and--415
Calcium
concentration and microgravity--586
excretion and dietary salt in spaceflight simulation--1115
Calciuria, dietary salt and--1115
Cancer incidence and mortality in aircrews--216
Cancer metastasis, in melanoma--245
Carbohydrate solutions, during desert training--37
Carbon dioxide, exposure to and physiologic changes--599, 610
Cardiac fluoroscopy, positive predictive value of--1197
Cardiovascular response
in baroreflex adaptation to G forces--31, 255
to lower body negative pressure--626, 1104
in presyncope--1033
to push-pull effect--137
to supersonic flight--1202
Centrifugation, rat body weight increases in--1126
Cerebral blood flow
G force and--514
in-flight oxygen monitoring of--177
in presyncope--1033
push-pull effect and--485
Chemical protective clothing --see Protective clothing
Chemotherapy
for nonseminomatous testicular cancer--61
recovery from--61
Chest pain, diagnosis of--1155
Childbirth, in-flight--453, 754
Chlorpheniramine, in aviation accident pilot fatalities--1206
Cholangitis, primary sclerosing--83
Cholecystokinin peptides, atmospheric pressure increases CSF levels--1131
Cholelithiasis, acalculous--862
Chronic fatigue syndrome--965
Chronic obstructive pulmonary disease, in-flight oxygen therapy for--827
Circadian rhythms
in isolated environments--A29, A44, A48
melatonin and--238
Civil aviation
incidence and severity of accidents--388
medicine (editorial)--369
Cognitive effects —see also Performance
of altitude and stay duration--678
of medication use on aircraft mechanics--1148
of sleep inertia--843
of spaceflight--A66
CogScreen-AE factor scores
flight simulators and age relationships--373
flight simulators and age relationships (letter reply)--1166
flight simulators and age relationships (letter to the editor)--1166
Cold exposure
aerosol rewarming for--730
gender and menstrual phase and--715
hypothermia and near-drowning (review)--733
Color vision
aircrew visors and--1081
tests for air traffic control applicants--1210
Combat, women aviators in--957
Commercial aircraft —see also Airlines
cabin environment and air quality in--774
defibrillators on--441, 832
emergency kits for —see Emergency medical kits
future of--441
in-flight oxygen therapy on--827

Communication, face-to-face in spaceflight--A51
Communication technology, in long-duration spaceflight--A6
Computed tomography, for measurement of organ density changes in microgravity--894
Computer-based testing, in selection of U.S. Air Force pilots (review)--950
Confined environments
  adrenal cortex changes from--1033
  behavior and performance in--A48
Consciousness
  determination of time of useful--72
  ear arterial pressure measurement for prediction of (letter to the editor)--1167
Controlled flight into terrain accidents, risk factors for--1098
Cooling, of body —see Thermoregulation
Coping, on isolated Antarctica missions--A37
Coriolis stimulation, perception of surrounding space in--381
Coronary disease, cardiac fluoroscopy diagnosis of--1197
Cosmonauts --see Astronauts
Crashes, aviation --see Aviation accidents
Cultural issues in spaceflight--A11, A133
Cutis marmorata, treatment of (letter to the editor)--457

D

Decision support techniques, for melanoma--245
Decompression sickness
  air embolism and pulmonary cysts in--172
  clinical and operational aspects of (editorial)--101
  cutis marmorata from (letter to the editor)--457
  diagnosis and treatment of--1252
  exercise-enhanced preoxygenation for--822
  ground-level oxygen for--115
  hyperbaric oxygen therapy for--119
  model for gas bubble dynamics and nitrogen diffusivity--723
  neurological symptoms and--87
  platelet activation levels after nitrox decompression--925
  preoxygenation and staged decompression for--692
  probability modeling for--102
  vs. pulmonary barotrauma--849
  in submarine escapes--102
  in underground transportation systems--1051
Defibrillators
  airline use of (letter to the editor)--556
  on commercial airlines--441, 832
Demineralization, in microgravity--586
Denitrogenation
  after extravehicular activity (EVA)--692
  exercise-enhanced preoxygenation for--822
  model for decompression risk prediction--723
Depression, in early menopause--251
Dermatologic disease, incidence in aviators--230
Desert environment, carbohydrate solutions for--37
Dexedrine, performance in sleep deprivation and--7
Diabetes mellitus (case report)--1157
Diagnostic and Statistical Manual of Mental Disorders, on psychotic disorders--88
Diagnostic devices, on board airlines--441
Diagnostic imaging, in microgravity (review)--640
Diagnostic tests, for overexposure to nonionizing radiation--206
Dietary supplements --see Nutritional supplements
Digital anthropometric video imaging device (DAVID)--426
Disorientation --see Spatial disorientation
Diving
  platelet activation levels after nitrox decompression--925
  pneumothorax during--1155
  risk of decompression sickness in--102
  soda-lime dust in closed-loop diving apparatus--1248
Drug metabolism, phase II acetaminophen metabolism in microgravity--894
Drugs --see Medications
DSM IV --see Diagnostic and Statistical Manual of Mental Disorders
Dust, in closed-loop diving apparatus--1248

E

Ear pain, from hyperbaric oxygen therapy--119
Ectopy (ECG), Holter monitoring for--1190
Editorials--1, 101, 205, 369, 563, 667, 773
Egocentric body axis, in microgravity--A78
Ejection seats
  injuries from (letter to the editor)--556
  photorefractive keratectomy and--1057
Electrocardiography
  for asymptomatic ECG ectopy--1190
  for nonsustained ventricular tachycardia--783
Electrogastrography, in motion sickness testing--420
Electrolytes
  carbon dioxide exposure and--599
  in head-out water immersion--632
Electromyography
  during hyper-G--522
  in helicopter maneuvers--470, 806
  of muscle activity in complex flight maneuvers--798
Emergencies
  in-flight--832
  in-flight (editorial)--369, 773
  simulation of--A140
Emergency medical kits
  AMA taskforce on--832
  compact--77
  contents of--443, 545, 857, 1151
  contents of (editorial)--773
  future changes in--441
Environment
  analogous--A37, A126, A133
  confined--A48, 1033
  extreme —see Extreme environments
  in long-duration spaceflight--A3
Ephedrine
  ergogenic effect of caffeine and--415
  screening for--45
Epidemiology, of submarine crew members--699
Epidural hematoma--65
Epinephrine concentrations in altitude-induced intraocular pressure--1045
Equilibrium, ataxia perception of surrounding space and--381
Ergogenic effect, of caffeine and ephedrine--415
Error --see Human error
Esophageal temperature, vs. rectal and intestinal temperature--939
Estrogen therapy, for early menopause--251
Exercise
  altitude acclimatization and--162
  body temperature monitoring during--939
  caffeine and ephedrine effects--415
  and enhanced preoxygenation for reduction of decompression sickness--822
  induced rhabdomyolysis--1137
  with intermittent hypoxia and altitude adaptation--125
  for microgravity-induced bone loss--593
  post-exercise thermoregulatory thresholds for vasodilation and sweating--914
  in protective clothing at high altitudes--668
  in protective clothing in cold weather--184
  stretch and H-reflexes in cooling and local warming--156
  thermoregulation after head-down tilt--150
  by women at high altitudes--685
Expert systems, for sleep experiments--1023

Extravehicular activity (EVA)
in liquid-cooled spacesuits with automatic thermal controls--904
preoxygenation and staged decompression for--692
spatial orientation during--571
thermoregulation during--579
Extradural hemorrhage--65
Extreme environments
adaptation to--A126
behavior and performance in--A29, A48
generalizing findings across--A37
prediction of behavior and performance in--619
understanding and controlling (editorial)--667
Eye irritation, from jet exhaust--396
Eye movements —see also Ocular effects
in coriolis stimulation--381
in microgravity--A78
Eye protection, effect of aircrew visors on color vision--1081

F

Fainting --see Syncope
Fatigue
in air traffic controllers--400
models for fatigue-based G duration tolerances--981
promethazine and--1013
Fear of flying
treatment of--438
treatment of (review)--430
Females --see Women
Fexofenadine, sleepiness and performance effects--2
Field of view, in formation flight--812
Flashblindness, from laser pointers--1060
Flight anxiety —see Fear of flying
Flight crew
antihistamines and performance--2
fear of flying, treatment for--438
health of (editorial)--205
hepatitis prevalence in--1178
medical training--441
perception of cabin environment and air quality--774
performance and effect of captain's personality--1093
Flight simulators
CogScreen-AE factor scores and age relationships--373
CogScreen-AE factor scores and age relationships (letter to the editor)--1166
CogScreen-AE factor scores and age relationships (letter reply)--1166
Flight surgeons, in Greece--851
Fluid intake, carbohydrate solutions for--37
Fluoroscopy, cardiac--1197
Formaldehyde, in jet engine exhaust--396
Formation flight, optokinetic cervical reflex in--812
FRamework Assessing Notorious Contributing Influences for Error (FRANCIE)--A145
Frostbite, in cold weather with protective clothing--184
Fuels, jet --see Jet fuel
Functional Magnetic Resonance Imaging (fMRI)—1218

G

G force
arm pain from--501
auditory thresholds and--536
baroreflex function and--31, 255
cardiovascular response to push-pull effect--137
cerebral blood flow and--485, 514
ear arterial pressure during (letter to the editor)--1167
models for G tolerance prediction--506, 981
muscle activity during--798
nausea and vomiting during--522
neurological effects of--496
spinal diseases and--22
urinary incontinence and--131
G-Loc syndrome--496
prevention (letter to the editor)--1167
G-suits --see Anti-G suit
Galactic cosmic radiation, during pregnancy--647
Gall bladder—862
Gastric myoelectrical activity, during hyper-G--522
Gastric tachyarrhythmia
during motion sickness testing--420
serotonin receptor antagonists for--1111
Gender differences
in cold water immersion--715
in tolerance to lower body negative pressure--626, 1104
Geographic variations, in aviation accidents--19
Germany, acceleration research in--854
Gestational age, air transport and--839
Gillingham illusion--489
Gravity cue, human behavior and--A78
Greece, flight surgeons in--851
Ground level oxygen therapy, for decompression sickness--115
Ground personnel, long-duration spaceflight and--A11
Group interaction
in isolated Antarctica missions--A17
in spaceflight--A26

H

H-reflex, in body cooling and local warming--156
Habitability, spacecraft
current issues in--A131
human factors engineering in--A112, A117
psychological factors in--A105
research priorities for--A122
Head-down tilt
blood pressure changes in (letter to the editor)--966
blood pressure changes in (letter reply)--1262
carbon dioxide exposure and--610
cerebral blood flow in--485
exercise thermoregulation after--150
frequency-domain analysis of autonomic rhythms in--1232
orthostatic tolerance and hormonal changes in women--706
sympathetic nerve activity in--142
Head injuries, epidural hematoma in--65
Head-mounted displays, visually coupled--476
Head movements
in microgravity--A78
motion sickness and--996
Health policy, anthrax vaccination and--260
Health survey, of submarine crew members--699
Hearing threshold
acute hypoxia and--946
normobaric hypoxia and--791
Heart rate, in high Gz after negative acceleration--137
Heat gain, post-exercise--914
Heat loss, in cold stress, near-drowning and hypothermia (review)--733
Helicopters
control forces required in routine maneuvers--470, 806
roll compensation and--476
underwater disorientation from simulated ditching--879
Hemochromatosis
case reports and incidence of--543
diagnosis of--1256
Hemodilution, in head-out water immersion--632
Hepatitis
prevalence in airline personnel--1178
toxic--555
Herbal medicines (review)--45

Hereditary hemochromatosis
case reports and incidence of--543
diagnosis of--1256
High altitude --see Altitude
High contrast visors, aircrew color vision and--1081
Hindlimb suspension, bone loss from--593
Historic flights, by women--957
Histotoxic hypoxia, diagnosis of--963
Holter monitoring, for asymptomatic ECG ectopy--1190
Homebuilt aircraft accidents, incidence and severity of--388
Hormonal changes, in women during spaceflight--706
Human error
analysis and prediction of--A145
in controlled flight into terrain accidents--1098
in spaceflight--A133
Human factors
engineering in the ISS--A112, A117
research priorities for--A122
in spaceflight: conceptual framework for--A108
in spaceflight: international conference on--A1
Humidity
and cabin air quality--408
formaldehyde concentration in exhaust and--396
Hypemic hypoxia, diagnosis of--963
Hyperbaric oxygen therapy
brain bioamine depletion and HBO neurotoxicity--929
complications and side effects of--119
for pulmonary barotrauma--849
Hypercapnia, carbon dioxide exposure and--599, 610
Hyperlipidemia, in supersonic pilots--1202
Hyperprolactinemia, bromocriptine for--935
Hypobaric chamber training, air embolism and pulmonary cysts in--172
Hyperthermia, malignant—1137
Hypobaric hypoxia, intraocular pressure and--1045
Hypothermia
aerosol rewarming for--730
cold stress and near-drowning (review)--733
in cold weather with protective clothing--184
Hypoxemia, in commercial aircraft: oxygen therapy for--827
Hypoxia
altitude acclimation and--125
attentional performance and--678
auditory sensitivity and--791, 946
diagnosis of hypemic, stagnant, histotoxic and hypoxic--963
sound localization and--991
tolerance and age--72
in underground transportation systems--1051
work performance of women and--685
Hypoxic hypoxia, diagnosis of--963

I

Imaging, in microgravity (review)--640
Incontinence, in women during high Gz--131
Indoor air pollution, in in-flight cabins--774
Inflammatory response, antiorthostatic suspension-induced changes in--1239
Information technology
in long-duration spaceflight--A6
for preventive medicine--1166
Injuries
in civil aviation--388
ejection seat (letter to the editor)--556
Injuries, occupational --see Occupational injuries
Instrument flying, optokinetic cervical reflex in--812
International space station (ISS)
human factors and--A1
human factors engineering in--A112, A117
human factors in--A108
psychological habitability for--A105
research priorities for--A122
International Workshop on Human Factors in Space
purpose and structure of--A1
summary of--A3
Internet, for information sharing in preventive medicine--1166
Interpersonal issues
in isolated environments--A48
in spaceflight--A11, A26
Intestinal temperature, vs. rectal and esophageal temperature during supine exercise--939
Intraocular pressure, in altitude acclimation and mountain sickness--1045
Investigators of aviation accidents (letter to the editor)--457
Invulnerability, personal--A133
Iodine, thyroid function and--1120
Iron overload, diagnosis of--1256
Isolation
behavioral issues in--A17, A29
generalizing findings across environments on--A37
health effects of (editorial)--563
health surveillance of submarine crew members--699
performance in--A29

J

Jet engines, formaldehyde in exhaust--396
Jet fuel, formaldehyde in exhaust--396
Journals, from isolated Antarctica missions--A17

L

Lactate, in intermittent hypoxia--125
Laser eye protection, visors and--1081
Laser pointers, visual impairment from--1060
Laser refractive surgery, aviator ejection after--1057
Leadership, captain's personality and crew performance--1093
Letters to the Editor--457, 556, 753, 966, 1166, 1260
Levitation illusion--A87
Liquid cooling systems, automatic thermal controls for EVA spacesuits--904
Liver function tests, abnormalities in--555
Lower body negative pressure
cardiovascular response to--626
cerebrovascular response to--1033
G-suit inflation and baroreflex effects--31
gender differences in cardiovascular response to--1104
in partial weight suspension--A151
Lung cysts, air embolism and hyperbaric chamber training--172

M

Magnetic resonance imaging
of mental strategy in aviator performance--1218
in microgravity (review)--640
Malignancy --see Cancer
Malignant hyperthermia, exercise-induced--1137
Marksmanship, in protective clothing at high altitudes--668
Masks, oxygen saturation at high altitudes and--1137
Mathematical models
for G force tolerances--506, 981
of G forces and cerebral perfusion--514
Mechanics, effect of medication use on performance--1148
Medical certification, and antisocial personalities--451
Medical kits --see Emergency medical kits
Medications
in aviation accident pilot fatalities--1206
use by aircraft mechanics--1148

Melanoma
decision support techniques for--245
incidence in aircrew--216
malignant--245
Melatonin, review of--238
Memory, brain imaging of mental strategy in performance--1218
Menopause, early--251
Menstrual cycle, in cold water immersion--715
Mental performance --see Performance
Metastasis --see Cancer metastasis
Microadenoma, pituitary hormone disruption and treatment with bomocriptine--935
Microgravity
acetaminophen metabolism in--894
bone loss from--586, 593
carbon dioxide exposure and--610
face-to-face communication in--A51
frequency-domain analysis of autonomic rhythms in--1232
German research on--854
health effects of--649
health effects of (editorial)--563
imaging in (review)--640
lower limb impedance in--A151
measurement of organ density changes in--894
mental performance in--A69
muscle atrophy from--593
orthostatic tolerance and hormonal changes in women from--706
partial weight suspension studies for--A151
perceptual-motor performance in--A66
rat body weight increases in--1126
sympathetic nerve activity in--142
visual stability in--A78
Military personnel
health of (editorial)--205
preventive medicine for--260
Military training
aerobic fitness and motor performance after--920
carbohydrate solutions for--37
for U.S. Air Force pilots (review)--950
Models
for decompression sickness--102
for G force tolerances--506, 981
of G forces and cerebral perfusion--514
for gas bubble dynamics and nitrogen diffusivity in decompression sickness--723
Monoamines
atmospheric pressure decreases CSF levels--1131
brain monoamine depletion and HBO neurotoxicity--929
Mood
in early menopause--251
in isolated environments--A44, A48
melatonin and--238
promethazine and--1013
Mortality
from cancer in flight attendants--216
geographic variations in aviation accidents--19
from idiopathic hypertrophic subaortic stenosis--81
from occupational accidents--564
Motion sickness
gastric myoelectric activity in--420
low frequency aircraft motion and--1181
perception of surrounding space and--381
promethazine for--1003, 1013
roll compensation and--476
serotonin receptor antagonists for--1111
in spaceflight--A100
type of motion, visual and postural conditions and--996
Motor performance --see Performance
Mountain sickness --see Acute altitude sickness
Mountaineering masks, arterial oxygen saturation—1137
Muscle
activation in helicopter maneuvers--470, 806
activity in experienced and novice pilots--798
atrophy in microgravity--593
sympathetic nerve activity in orthostasis--142

N

Nausea
during hyper-G--522
serotonin receptor antagonists for--1111
Near-drowning
aerosol rewarming for--730
hypothermia and cold stress (review)--733
Near-infrared spectrophotometry, for in-flight cerebral oxygen monitoring--177
Neck injuries, relationship to G-exposure and seating angle--22
Neurological effects
acceleration-induced--496
of bioamine depletion with hyperbaric oxygen--929
Neutrophils, antiorthostatic suspension-induced changes--1239
Nitrogen diffusivity, model for decompression risk prediction--723
Nitrox, platelet activation levels after nitrox decompression--925
Noise, in in-flight commercial cabins--774
Non-ionizing radiation, overexposure to--206
Norepinephrine, in head-down tilt--142
Nuclear power plants, simulation of emergency situations for--A140
Nutrition, carbohydrate solutions for desert training--37
Nutritional supplements, herbal preparations as--45

O

Obstetrics, air transport and--839
Obstructive sleep apnea, diagnosis and treatment of--1159
Occupational exposure
to hepatitis--1178
to non-ionizing radiation--206
Occupational injuries, in astronauts--564
Occupational risk, of cancer in aircrew--216
Ocular effects
of hyperbaric oxygen therapy--119
of laser pointers--1060
of promethazine--1003
Ocular movement --see Eye movements
Operational medicine (editorial)--1
Optokinetic cervical reflex
in formation flight--812
roll compensation and--476
Optokinetic nystagmus, promethazine and--1003
Organ density, in microgravity--894
Organic solvents, toxic hepatitis from--556
Orthostatic tolerance
roll vs. pitch rotation and blood pressure changes (letter to the editor)--966
roll vs. pitch rotation and blood pressure changes (letter reply)--1262
of women in spaceflight--706
Oscillation
horizontal--996
off-axis--420
Otoliths, during hyper-G--522
Oxygen
masks and arterial oxygen saturation--1137
toxicity in hyperbaric oxygen therapy--119
Oxygen saturation
in aging and hypoxia tolerance--72
effect of mountaineering masks on--1137
in-flight monitoring of--177

Oxygen therapy
in commercial aircraft--827
ground-level decompression sickness therapy--115
hyperbaric —see Hyperbaric oxygen therapy
Ozone, in aircraft cabins--408

P

Paresthesia, with visual disturbances--87
Partial weight suspension, adaptation to--A151
Passenger airlines --see Airlines
Passengers
fear of flying treatment for (review)--430
fear of flying treatment for (commentary)--438
Patent foramen ovale, diagnosis and treatment of--87
Perception
in spaceflight--A66, A76
of surrounding space in coriolis stimulation--381
Performance
altitude effects on women--685
altitude training for--162
amphetamines and--7
antihistamines and--2
brain imaging of mental strategy during--1218
caffeine and ephedrine effects--415
captain's personality and--1093
CogScreen-AE factor scores and age relationships--373
CogScreen-AE factor scores and age relationships (letter to the editor)--1166
CogScreen-AE factor scores and age relationships (letter reply)--1166
of experienced and novice pilots in complex flight maneuvers--798
in extreme environments--619
in helicopter maneuvers--470
in isolated Antarctica missions--A29
in isolated environments--A48
medication use by aircraft mechanics and--1148
melatonin and--238
paratrooper training and--920
promethazine and--1013
in protective clothing at high altitudes--668
research priorities for--A122
in sleep inertia--225, 843
in spaceflight--A29, A66, A69, A76
stay duration and altitude and--678
Perfusion pressure, models for G force effects--514
Perimenopause, symptoms of--251
Peripheral resistance, in baroreflex adaptation to G forces--255
Personal issues, in long-duration spaceflight--A26
Personality
and behavior in extreme environments--619
on isolated Antarctica missions--A37
of leaders and aircrew performance--1093
in selection of U.S. Air Force pilots (review)--950
voice stress monitoring and--A58
Personality disorders, antisocial--451
Pharmaceuticals --see Medications
Pharmacokinetics, of acetaminophen in microgravity--894
Photorefractive keratectomy, aviator ejection after--1057
Physical fitness, paratrooper training and--920
Physicians, as aviation accident investigators (letter to the editor)--457
Physiologic monitoring, in-flight cerebral oxygen--177
Physiology, in long-duration spaceflight--A3
Pilot --see Aviator
Pilot error --see Human error
Pituitary tumors, hormonal disruption and treatment with bomocriptine--935
Plasma osmolality, in head-out water immersion--632
Plasma volume, in exercise after head-down tilt--150
Platelet activation, nitrox decompression and--925
Pneumothorax, diagnosis and treatment of--1155
Polar expeditions --see Antarctica
Positron emission tomography, in microgravity (review)--640
Postural control, static stabilimetry tests for--889
Posture, motion sickness and--996
Power spectral analysis, of sympathetic nerve activity in microgravity--1232
Pregnancy
air transport during--839
galactic cosmic radiation exposure and--647
Preoxygenation
for decompression sickness--692
for reduction of decompression sickness--822
Presyncope
cerebrovascular hemodynamics of--1033
gender differences in--1104
Preventive medicine
Internet information sharing for--1166
for military personnel--260
Probability modeling, for decompression sickness--102
Progesterone therapy, for early menopause--251
Prolactinoma, pituitary hormone disruption and treatment with bomocriptine--935
Promethazine
arousal state and—1013
optokinetic and vestibular response effects--1003
performance and mood effects--1013
Prostate cancer, incidence in aircrew--216
Protective clothing
exercise and marksmanship performance effects at high altitudes--668
for exercise in cold weather--184
thermoregulation in--579
Pseudomonas aeruginosa, in puncture wounds--1063
Psychiatric disorders, in isolated environments--A48
Psychological issues
generalizing findings across environments on--A37
in isolated environments--A44
in space station habitability--A105
Psychotic disorder, diagnosis of--88
Pulmonary barotrauma, vs. decompression sickness--849
Pulse oximetry, for acute hypoxia tolerance--72
Puncture wounds, management of--1063
Push-pull effect
baroreflex function and--137
cerebral blood flow and--485

R

Radiation exposure
to galactic cosmic radiation in pregnancy--647
health effects of--649
review of overexposure workups--206
Raynaud's phenomenon--550
Rectal temperature, vs. intestinal and esophageal temperature during supine exercise--939
Reorientation illusions--A87
Reperfusion injury, with later neurological symptoms--87
Research, sample size and statistical analysis of (letter to the editor)--753
Respiratory acidosis, carbon dioxide exposure and--599, 610
Respiratory diseases, in-flight oxygen therapy for--827
Respiratory irritation
cabin air quality and--408
jet exhaust and--396
Rest, vs. amphetamines in sleep deprivation--7
Review articles
fear of flying--430

herbal medicines--45
imaging in microgravity--640
near-drowning, hypothermia and cold stress--733
tests used in selection of U.S. Air Force pilots--950
Rewarming, maximum gas temperature for--730
Rhabdomyolysis, exercise-induced--1137
Roll compensation
Gillingham illusion and--489
in head-mounted display systems--476
roll vs. pitch rotation and blood pressure changes (letter to the editor)--966
roll vs. pitch rotation and blood pressure changes (letter reply)--1260
Rotary-wing aircraft, incidence and severity of accidents--388
Rotation
roll vs. pitch and blood pressure changes (letter to the editor)--966
roll vs. pitch and blood pressure changes (letter reply)--1262

S

Salt, urinary calcium excretion and--1115
Sample size, small (letter to the editor)--753
Saturation dives —see also Diving
platelet activation levels after nitrox decompression--925
Schedules, of air traffic controllers--400
Seating angle, in spinal diseases--22
Seizure disorders, diagnosis of--1256
Sensation, in coriolis stimulation--381
Sensory deficiency, Tactile Situation Awareness System for--A92
Serotonin receptor antagonists, for motion sickness--1111
Shiftwork, air traffic controllers and--400
Short wavelength absorbing filters, aircrew color vision and--1081
Shuttle/Mir missions, interpersonal and cultural issues in--A11
Simulation models, of emergency situations--A140
Sitting height measurements, anthropometric techniques for--426
Situational awareness, during extravehicular activity--571
Skin diseases, incidence in aviators--230
Skin hypoxia, in cutis marmorata (letter to the editor)--457
Sleep
effect of melatonin and--238
expert systems for experiments on--1023
wake patterns in isolated environments--A44
Sleep apnea, diagnosis and treatment of--1159
Sleep deprivation
amphetamines and--7
slow wave sleep--225
Sleep inertia
performance during--843
upon awakening--225
Sleepiness
in air traffic controllers--400
antihistamines and--2
Snoring, case report of--1159
Soda-lime dust, in closed-loop diving apparatus--1248
Sound localization, hypoxia and--991
Space medicine. see also Aerospace medicine
Space station, international --see International space station
Space suits
automatic thermal controls for liquid cooled systems--904
decompression in--692
thermoregulation in--579
Space tourism, health implications of--649
Spaceflight
adrenal cortex changes in--1033
behavior during--A29
body weight increases in--1126
cognitive effects of--A66
communication and information technology in--A6
cultural issues in--A133
face-to-face communication in--A51
habitability issues in--A105, A112, A122, A131
health effects of (editorial)--563
human error in--A133
human factors engineering in--A112, A117
human factors in--A1, A108
increased CO2 levels and--599, 610
interpersonal and cultural issues in--A11
long-duration--A3, A11, A29, A69
long-term health effects of--564
mental performance during--A69, A78
monitoring mental and perceptual-motor performance during--A76
motion sickness in--A100
orthostatic tolerance and hormonal changes in women during--706
performance during--A29, A69, A76, A78
personal, interpersonal and group dynamics in--A26
during pregnancy--647
psychological habitability for--A105
research priorities for--A122
spatial disorientation in--A100
vestibular system reactions in--A100
voice stress monitoring in--A58
Spatial disorientation
post-roll--489
reorientation illusion and--A87
in simulated helicopter ditching--879
in spaceflight--A100
Tactile Situation Awareness System for--A92
Spatial orientation, in extravehicular activity--571
Spinal diseases, relationship to G-exposure and seating angle--22
Spiral computed tomography, for organ density changes in microgravity--894
Stagnant hypoxia, diagnosis of--963
Statistical analysis, of small samples (letter to the editor)--753
Strength, in helicopter maneuvers--806
Stress reaction
adrenal cortex changes from--1033
captain's personality and--1093
in long-duration spaceflight--A69
in short-haul flights--531
voice stress monitoring for--A58
Stretch reflex, in body cooling and local warming--156
Stroke volume, in baroreflex adaptation to G forces--255
Subjective vertical pointing, in underwater disorientation--879
Submarines
escapes and decompression sickness risk--102
health surveillance during isolation--699
Sudden death, from idiopathic hypertrophic subaortic stenosis--81
Supersonic flight, cardiovascular risk factors in--1202
Supine exercise, comparison of intestinal, rectal and esophageal temperatures during--939
Survival analysis, submarine escapes and decompression sickness--102
Sweat rate
in cold weather with protective clothing--184
in exercise after head-down tilt--150
Sweating, post-exercise thermoregulatory thresholds for--914
Sympathetic nerve activity, in microgravity--1232
Syncope
cerebrovascular hemodynamics of--1033
ear arterial pressure measurement prediction of (letter to the editor)--1167

T

Tachycardia, long-term follow-up of--783
Tactile displays, for extravehicular activity--571

Tactile Situation Awareness System--A92
Teaching Files --see Aerospace Medicine Residents' Teaching File
Team behavior, in emergency situations--A140
Telemedicine, future of--441
Temperature regulation --see Thermoregulation
Testicular cancer, nonseminomatous--61
Tetanus immunization, for puncture wounds--1063
Thermal controls, in liquid cooled EVA spacesuits--904
Thermoregulation
  Cooling, of body —see ThermoregulationCooling, stretch and H-reflexes in--156
  in cold stress, near-drowning and hypothermia (review)--733
  in cold water immersion--715
  in cold weather with protective clothing--184
  in exercise after head-down tilt--150
  in liquid-cooled EVA spacesuits--904
  post-exercise thresholds for vasodilation and sweating--914
  in space suits--579
  in supine exercise-939
Three-D audio displays
  in acceleration--536
  sound localization and--991
Thyroid function, iodinated water consumption and--1120
Tobacco smoke, in commercial aircraft cabins--774
Topics in Aeromedical Certification
  chronic fatigue syndrome--965
  diabetes mellitus--1157
  idiopathic hypertrophic subaortic stenosis--81
  primary sclerosing cholangitis--83
Tourism, space--649
Toxic hepatitis, diagnosis of--555
Training, military --see Military training
Transaminases, elevated levels of--555
Transportation systems, decompression sickness in--1051
Tuberculosis uveitis, case report of--1254

U

Underground transportation systems, decompression sickness in--1051
Underwater disorientation, in simulated helicopter ditching--879
Urinary excretion, of calcium in spaceflight simulation--1115
Urinary incontinence, in women during high Gz--131
Uveitis, tuberculosis-associated--1254
Uvulopalatoplasty, for snoring--1159

V

Vaccination, hepatitis A--1178
Vascular resistance, models for G force effects--514
Vasodilation, post-exercise thermoregulatory thresholds for--914
Ventricular tachycardia, long-term follow-up of--783
Vestibular system
  promethazine and--1003
  reorientation illusion and--A87
  in spaceflight--A100
  in underwater disorientation--879
Video imaging, for sitting height measurements--426
Vision tests, for air traffic control applicants--1210
Visual disturbances
  with left hand paresthesia--87
  in microgravity--A78
Visual flying, optokinetic cervical reflex in--812
Visual impairment
  aircrew visors and--1081
  laser pointers and--1060
Visual orientation
  motion sickness and--996
  reorientation illusion and--A87
Voice stress monitoring, in spaceflight--A58
Vomiting, during hyper-G--522

W

Warming stretch, and H-reflexes in--156
Water disinfection, iodine consumption and thyroid function from--1120
Water immersion
  gender and menstrual phase effects--715
  water temperature and hemodilution during--632
Weightlessness --see Microgravity
Women
  altitude and work performance--685
  cardiovascular response to lower body negative pressure--1104
  in civil and military aviation history--957
  orthostatic tolerance and hormonal changes in spaceflight--706
  urinary incontinence in high Gz--131
Work performance --see Performance
Workload, in spaceflight--A122

Y

You're the Flight Surgeon--88, 555, 862, 962, 1063, 1159, 1256

INDEX TO AUTHORS

A

Aaron D--1166
Aasen T--889
Abdus-Salaam H--899
Acosta B--1166
Adolf JA--A122
Ahmad MR--451
Almeling M--119
American Medical Association Council on Scientific Affairs--827, 832
Andenæs S--1178
Andersson K--774
Arnaud SB--1115, 1164
Arora BS--685
Arrabito GR--536
Askari V--966, 1262

B

Bachelard C--A17
Baer LA--1126
Bai S--899
Bailey L--455
Bailey S--260
Baj Z--925
Ball R--102, 109
Ballard RE--1033
Ballard T--216
Balldin UI--501
Banks RD--137, 966, 967
Barclay JR--839
Bartoletti N--894
Bell DG--415
Benjamin CR--131
Bensyl DM--1098
Berg JS--251
Bernauer EM--150
Bertini M--225
Billica RD--564, 1120
Blanc S--706
Blegen M--715
Bock O--A66
Boneta OFW--543
Bonnon M--678
Borrillo DJ--550
Bowles S--1093
Bradley-Popovich G--593
Bradshaw BA--894
Brannon NG--812
Braverman LE--1120
Brooks CJ--879
Brown DL--489
Brown MC--1057
Browning SR--1197
Brubakk AO--A126
Brunner LJ--899
Bryner RW--593
Burton RR--506, 981
Busch R--119
Butler WP--1153
Butterfield G--1045

C

Cable GG--172
Caine N--715
Caldwell BS--A6, A26
Caldwell JA--7
Caldwell JL--7, 238
Callister G--1023
Callister R--255
Camarca M--699
Canfield DV--1206
Cann-Moisan C--929
Caroff C--929
Carretta TR--950
Casas H--125
Casas M--125
Celio PV--783
Chalmers DJ--388
Chaturvedi AK--1206
Cheatham C--715
Chen GX--485
Cheung B--536, 879, 966, 1262
Chillas JC--1111
Chriskos V--851
Christensen DE--408
Cirovic S--514
Clark EP--862
Claypool RG--260
Cline AD--37
Clovis N--593
Cohen B--1003
Cohen MM--A51
Cohen S--77
Collins TR--1197
Collins WE--1210
Comfort D--A66
Convertino VA--31
Conway GA--1098
Cooke WH--1232
Copeland KA--647
Corbin BJ--599
Cowings PS--1013
Crabtree RB--536
Craig GL--476
Cruz C--400
Cutlip RG--593
Cymerman A--162, 668, 1045

D

Dai M--1003
Dammström BG--774
De Angelis G--216
De Gennaro L--225, 843
Dearborn AD--150
Degré M--1178
DeHart RL--1163
Deitchman SD--827, 832
Denis PM--914
DeRoshia C--1013
Devilbiss CA--489
Diekstra RFW--430
Dille JR--957
Diller KR--904
Ding YG--485
Dionne MV--1190
Dodson WW--85
Doucet JJ--1137
Dowlyn MM--1232
Drew WED--22
Duke FE--647
Dunn JT--1120
Dyrkorn BM--889

E

Efenberg B--1202
Eidsvik S--889
Eklundh T--1131
Emonson DL--791, 991
Endo Y--632
Eng P--536
Ercoline WR--489
Ertl AC--150
Essig SM--1023
Estes GW--1063

F

Faff J--920
Feinberg M--965
Ferrara M--225, 843
Fisher CR--45
Fitts DJ--A3, A112
Flatau AB--626
Fossett MC--1239
Fowler B--A66, A76, 946
Franke WD--626
Fraser WD--514
Friedberg W--647
Fulco CS--162, 1045
Fung P--1115

G

Gallimore JJ--812
Garber MA--586
Gardner RA--783
Garland FC--699
Gauquelin-Koch G--706
Gee MR--230, 245
Georgakopoulos P--851
Gharib C--706
Gibbons HL--457
Gibbs P--879
Giesbrecht GG--733, 914
Glazer I--77, 556
Glickman-Weiss EL--715, 753
Gonzalez RR--184
Goodman LS--137, 1262
Gotshall RW--1104
Gould WD--408
Graff SR--626
Grant A--946
Gray GW--1137
Greenleaf JE--150
Griffin MJ--420, 996, 1181
Griffitt WE--65
Grigoriev AI--706
Grissett JD--137
Grund EM--A11
Guezennec CY--1218
Gunderson E--619
Gunderson EK--A29
Gunga HC--A58
Gunnarsson T--1131
Guohua L--19
Gushin V--A11

H

Hackworth C--400
Haddon R--1254
Halenkamp TW--962
Halloran BP--1039
Hamm PB--564, 1120
Haney LN--A145
Hankins TC--822
Hansen EH--1257
Harding RM--966, 967
Hargens AR--1033
Harsch V--447, 854
Hatsell C--967
Hearon CM--131
Heher DM--1023
Helmreich RL--A133
Hendricks DM--1142
Hetrick SM--408
Hewson DJ--470, 798, 806
Hofer K--879, 966, 1262
Holland AW--A29, 619
Holland I--1181
Holmes SR--420
Holt GR--1, 101, 205, 369, 563, 667, 773
Hooper TI--699
Horn WG--699
Hotson N--37
Howard IP--A87
Howe EE--1039
Howe JP, III--827, 832
Hu G--A87
Hubel A--579
Hutton WC--586
Hyams KC--260

I

Ibáñez, J--125
Ikeda M--849
Ikeda T--381
Ivan D--1081
Iwase S--142

J

Jackson DK--A151
Jackson R--668
Jacobs I--415
Jadvar H--640
Janco RL--556
Jenkin HL--A87
Jennings SA--476
Joanny P--929
Joe Y--1239
Johannes B--A58
Johnson JC--A29, 619
Jones DR--438

K

Kamiya A--142
Kanas N--A11, A26
Kannan N--692
Kanwar S--1239
Katchen MS--190, 266
Kaufmann H--1003
Kearney PJ--19
Keeble T--172
Keller TM--65
Kenny GP--914
Kikukawa A--396
Kirsch K--A58
Knox GW--1111
Kobayashi A--177, 396
Koga K--A78
Kohlmann O Jr.--531
Komastubara A--A105
Komi PV--156
Konarski M--925
Korneta K--920
Koscheyev VS--579
Kozerenko O--A11
Krause KM--115
Kruyer WB--783, 1190
Kuriyama K--1033
Kuroda I--A1, A3

L

Lagorio S--216
Lang KC--599
LaPorte RE--1166
Leduc PA--7
Lee K--626
Lee R--522
Lee SMC--939
Lehericy S--1218
Leon GR--579
Levine ME--1111
Lie A--1178
Lieberman HR--37
Lindgren T--774
Loecker TH--1197
Lu ZC--485
Lyons T--668
Lyons TP--1045
Lyzincki JM--827
Lyznicki J--832

M

Maillet A--706
Majewska E--925
Manning C--190, 266
Mano T--142
Manwaring JC--1098
Manzey D--A69, A76
Marchessault JA--61
Marcinkeiwicz J--715
Marmar CR--A11
Marshall RN--470, 798, 806
Martin RL--791, 991
Mason KT--543

Mazurek K--1202
Mazzeo RS--1045
Mazzuchi JF--260
McAnally KI--791
McBride DI--388
McDowell DL--586
McFadden SM--536
McGowan DG--496
McKee K--81
McKenas DK--441
McLellan TM--415
McMonigal KA--1120
McNair PJ--470, 798, 806
Mehm WJ--822
Melhado VER--531
Mertens HW--1210
Mialon P--929
Milburn NI--1210
Miller C--619
Miller NE--1013
Miller SC--1039
Mills KL--996
Mills SL--2
Mittleman KD--715
Miyamoto Y--177
Mohler SR--458, 1165
Mole D--699
Molvær OI--889
Montgomery RW--1060
Moore J--251
Moore LG--1045
Morgan TR--501
Morrissette KL--496
Morukov B--706
Mumenthaler MS--373
Murray J--699
Muth ER--522
Mutzbauer TS--1248
Muza SR--668, 1045

N

Nakagawara VB--1060
Nalepka JP--812
Nathan JM--894
Natoli MJ--1142
Neddo GC--822
Nelson ED--579
Neubauer B--1248
Newlands JC--839
Newman DG--255
Newman DJ--A151, 571
Nicholas JS--647
Nicholson AN--2
Nicogossian AE--564
Nikolaev VP--723
Noël-Jorand MC--678
Norbäck D--774
Nordahl SHG--889
Nordin C--1131
Norman TL--593
Novak JB--A117, A131
Nyberg KL--904

O

O'Brien C--184
O'Brien K--647
O'Hara R--373
O'Hare DPA--388
Ohlsson S--1163
Olson RM--692
Olszanski R--925
Örnhagen H--1131
Ortiz RM--1126
Orzel A--1202
Oshima H--A1
Osksa J--156

P

Pagés T--125
Palinkas LA--A29, A48, 619
Parker EC--102, 109
Parker PE--1159
Parmet AJ--455, 756, 1165
Paston MJ--1256
Pastouchkova L--706
Patelis A--851
Patterson FR--426, 812
Patterson RE--260
Pérès M--1218
Perez-Becerra J--1081
Peters GC--555
Peters P--119
Picano J--1093
Pickard JS--245, 783
Pierard C--1218
Pilmanis AA--115, 692, 822
Plafki C--119
Pollock NW--1142
Pool SL--564, 1120
Porter HR--962
Priest E--1239
Prince JE--1239
Prince TS--1197
Proulx CE--914
Purkayastha SS--685

R

Raj AK--522
Rama R--125
Raphan T--1003
Rayman RB--443, 545, 857, 1151
Reeves GI--206
Reister CA--31
Reushkina G--706
Ribeiro AB--531
Ricart A--125
Rice GM--962
Riddle J--260
Riley T--553, 652
Rintamäki H--156
Rissanen S--156
Roach J--668
Rocco PD--400
Rochlis JL--571
Rock PB--162, 668, 1045
Rodríguez, FA--125
Rupert AH--A92, 522
Rytky S--156

S

Sa ER--1166
Sack D--699
Sagawa S--632
Salnitski VP--A58
Salnitskiy V--A11
Sandal GM--A37
Satabin P--1218
Sato T--72
Sauer F--1166
Sauer RL--1120
Saunders PL--137
Sawka MN--184
Saxton JL--426
Schallhorn SC--1057
Schneider SMF--939
Sekiguchi C--A1
Sekikawa A--1166
Self BP--501
Selvamurthy W--685
Shaffstall RM--501
Shappell SA--90, 456
Sharma RP--685
Shiraki K--632
Sled A--A11
Smalley BW--1197
Smith CW--1239
Smith SE--791, 991
Smolen JE--1239
Smythe NK--7
Sneeder WH--1148
Snyder QC--1190
Soper JW--1206
Spiro RT--699
Stabile JR--543
Stanbury JB--1120
Steele MK--599
Steinberg J--929
Stephens M--1157
Stern RM--1111
Stone BM--2
Stuster J--A17
Sudoh M--142
Suedfeld P--A17
Sugiyama Y--142
Sunaoshi W--A140
Suzuki K--A140
Swail CP--476

T

Takahashi M--381
Takano K--A140
Tanzer DJ--1057
Tarzwell R--649
Tavares A--531
Taylor GN--1252
Taylor JL--373, 1166
Tetzlaff K--1248
Tharion WJ--37
Therme P--678
Thomas TK--1098
Thomas TL--699
Tibbles PM--109
Tidaback DR--88
Tokumaru O--72
Tolonen U--156
Tomoda M--72
Torii R--632
Toscano WB--1013, 1033
Tranchida D--579
Trump D--260
Tulley RT--37
Tupper CR--733
Turner C--2
Turner M--1181

U

Ueno T--1033
Ursin H--1093

V

Van de Moortele PF--1218
van Gerwen LJ--430
Vann RD--1142
Ventura JL--125
Verdecchia A--216
Vernez D--1051
Vernikos J--1115
Veronneau SJH--45
Viscor G--125
von Restorff W--753
Vorobiev D--706
Vowels J--65

W

Wade CE--599, 610, 1126
Wallace W--730
Walsh C--514
Wang TJ--599, 610
Watanabe Y--72
Watanuki K--381
Watenpaugh DE--1033
Watson DB--791, 991, 1137
Watson MA--453
Wear ML--564, 1120
Weathersby PK--109
Webb JT--692, 822
Weidhofer AR--150
Weiss DK--935
Weiss DS--A11
Welslau W--119
White SW--255
Whitmore M--A122
Wielgosz A--1202
Wilkening R--1166
Williams MA--827, 832
Williams WJ--939
Wilson G--172
Wissler EH--904
Witten ML--894
Wolbrink A--83
Wolinsky I--1115
Wood EH--1167
Woolford BJ--A122
Wronski TJ--1039

X

Xia L--485
Xing ZW--485
Xu C--485

Y

Yamaguchi T--A108
Yamazaki F--632
Yauch DW--489
Yesavage JA--373
Yoneda K--72
Young AJ--184
Young LR--A3, A100, 1023
Young PA--1081

Z

Zamecnik J--415
Zanella MT--531
Zaouali-Ajina M--706
Zulley J--A44
Zwart BP--457

Index to Departments and Names in the News--2000

Index to Departments

Aerospace Human Factors Association News – 876,971
Aerospace Medicine Reviews – 553,652,1069
Aerospace Nursing Section News –96,200,876,975,1080, 1174,1272
Aerospace Physiology Report – 200,363,464,663,973,1172
AMSRO News – 199,662
Corporate & Sustaining Members – 978
Errata – 878,971,1262
Executive Director's Column – 92,193,463,558,658,970,1072,1170,1264
Flight Safety Foundation News – 769
Focus on Members – 979
Home Office Information – 1079
In Memoriam – 99,367,467,979,1271
International New Members – 1176
Medical News – 92,192,360,460,558,656,758,864,970,1072,1170,1264
Meetings Calendar – 94,197,362,462,560,661,769,868,971,1074, 1172,1264
New Members – 99,203,367,467,562,666,878,979,1079,1177,1272
News of Corporate Members – 203,366,665,878,979,1078,1269
News of Members – 99,203,367,467,562,666,772,878,979,1079,1176,1271
Obituary Listing – 203,979,1079,1176
President's Page – 91,191,359,459,557,655,757,863,969,1071,1169,1263
Reflections of Flight Nursing – 453,754
Resolutions, etc. Status Report – 1074
Science & Technology Watch – 360,461,559,770,866,972,1076,1171,1264
Space Medicine Branch Report – 95,364,466,874,974,1075,1173
Student & Resident News – 976,1264
Wing News & Notes – 98,201,365,465,561,664,771,877,977,1077, 1175,1268

Index to News Subjects

Accreditation Council for Graduate Medical Education – 359
Adventure Tours – 558
Aeromedic Innovations – 878,979
Aeromedical Certification – 1074
  Waivers – 1074
Aeromedical Examiners – 972
Aerospace Human Factors Association (AHFA) – 94,876
  Awards – 876
Aerospace Medical Association
  2000 Meeting
    Abstracts not Presented – 865
    Armstrong Lecturer – 460,870
    Bauer Lecturer – 460,869
    Business Luncheon – 870
    Committee Chairs – 865
    Fellows – 871
    Honors' Night Awards – 871,872
    Opening Ceremonies – 869
    Past President's Pin and Gavel – 871
    President's Citation – 870
    Registration – 870
    William K. Douglas Memorial Lecture – 870
  2001 Meeting
    Award Nominations Sought – 767,1173,1266
  Annual Awards – 758-767
  Annual Meeting Lectures – 460
  Archives Committee – 1263
  Bylaws Committee – 1263
  Business Meeting Highlights – 864
  Constituent Organizations–656
  Constitution and By-Laws– 194,1074,1263
    Changes – 864
    Resolutions Passed – 864
  Corporate & Sustaining Members – 978
  Bylaws Committee – 757
  Council Meeting – 192,864
  Education and Training–91
  Executive Committee – 757,1263
  Executive Council – 757
  External Relations & Planning Committee – 768
  Fellows – 871
  Financial Report – 865
  Finance Committee – 757,1263
  Governance – 1263
  History & Archives Committee – 768
  Home Office Staff – 970,1263
  International Activities – 1169
  Membership – 864
  Membership Committee – 757
  Membership Services – 91,863
  Nominating Committee – 1263
  Policy Manual – 1263
  Representation and Advocacy – 91,1071
  Resolutions Committee – 757
  Resolutions/Positions Papers: Status Report.–361,1074
  Science & Technology Committee – 757
  Scientific Program Committee – 757
  Staff Changes – 971
  Statement of Ownership, Management & Circulation – 1175
Aerospace Medicine, Future of–459
Aerospace Medicine Residency Training – 1170
Aerospace Medicine Student & Resident Organization (AMSRO) – 772,863,976
  Elementary Outreach Program – 976
  President's Message – 976
  Web Site – 1267
Aerospace Nursing Section (ANS) – 656,876,975,1080,1174
  Brig. Gen. Claire Garrecht Award – 1080
  Call for Papers – 975,1080
  Executive Board – 876
Aerospace Physiology, Certification – 1172
Aerospace Physiology Society (APS) – 657,973,1172
  Awards – 973,1172
  Meeting & Events – 1172
  Objectives & Purpose – 1172
  Officers – 1172
Agency for Healthcare Research & Quality (AHRQ), U.S. Dept. HHS – 1269
Air ambulance congress – 1264
Air Canada – 878,1072
Air Crew Fatigue – 764
Air Methods Corporation – 665,1078
  Financial Results – 1078
Air Transport Association of America – 1072,1265
Airline Accident Rate Decrease – 768
Aircraft Accident Investigation Primer–193
Airline Medical Directors Association (AMDA) – 657
"Airport Malaria" – 1264
Airware® – 1270
Algal Blooms – 768
Allegra® – 869
Alternative Medicine – 191
American Airlines – 665
American Academy of Family Physicians – 865
American Board of Emergency Medicine – 359
American Board of Internal Medicine – 359
American Board of Preventive Medicine (ABPM) – 359,1170
American Medical Association (AMA) – 969
  Council for Scientific Affairs – 463
  House of Delegates–360,1072
  Medical Student Section – 1267
  Residents and Fellows' Section – 1267
American Osteopathy Association – 865
American Physical Therapy Association – 971
AME Seminars – 769,868
American Society of Aerospace Medicine Specialists (ASAMS) – 557,969,1169
AMST – 665,872
Arnav Systems – 1073
Arnold D. Tuttle Award – 872
Armstrong Lecture – 870
Asia Pacific Congress of Aerospace Medicine – 193
Antarctica Telemedicine Operations – 95
Arnold D. Tuttle Award – 765
AsMA Scholarship Winner – 772
AsMA-CAMA-AMUS Seminar – 768,875

Association of USAF Reserve Flight Surgeons – 864
Autopic Dermatitis – 1269
Augmentin® – 665
Automatic External Defibrillators (AED) – 1072,1267
Avandia® – 665
Aventis Pharmaceuticals – 869
Aviation Medical Examiners (AME) – 1074
Aviation, Space & Environmental Medicine – 864

Bank of America – 872
Basic Course in Aerospace Physiology–560
Bay of Bengal – 768
Biomedical literature (databases) – 559
Bionetics Corporation – 875,979
Bioterrorism – 1269
Bluetooth – 1076
Bolivia – 664
Boothby-Edwards Award – 758,873
Brazilian Society of Aerospace Medicine – 1271
Brig. Gen. Claire Garrecht Award (ANS) – 1080,1272
British Airways – 1170
Bulletin of the World Health Organization – 1264

Cabin Air Quality – 463
Calculator Spreadsheets – 1071
Cardiovascular Monitoring – 569,1266
Castle-Connelly – 869
Chinese Aviation Industry – 93
Civil Aeromedical Association (CAMA) – 362
Civil Aeromedical Research Institute – 1271
Civil Aeronautics Administration – 1271
Civil air medical transport services – 1264
Civil Aviation Medical Association – 872
Clinical Aviation Medicine – 869
Comprehensive Health Services, Inc. – 974
Commercial Space Act of 1998 – 1075
Congress of Caring in the Skys – 1264
Corporate Aviation Safety Seminar, 45th – 772
Crew Resource Management – 658
Crizal® anti-reflective coating – 1270

Damos Research Associates – 659
David Clark Company – 867
Defence & Civil Institute of Environmental Medicine (DCIEM) – 867
Diabetes – 1072
Division of Vector Biology & Control, WHO – 1264
Dr. Fritz J. Russ Bio-Engineering Award, IEEE – 979
Driving Safety – 1270
drugstore.com – 1270

Education & Research – 969
Embraer – 878
Embry-Riddle Aeronautical University – 198,1271
Emergency Medical Equipment – 865
Emerging Technologies – 360,461,559
Emirates Airlines – 878
Environmental Tectonics Corp. (ETC) – 366,872
Eric Liljencrantz Award – 760-1,872
Essilor of America – 1270
  Web Site – 1270
European Aeromedical Institute (EURAMI) – 1264
European Aviation Safety – 769
European Regions Airline Association (ERA) – 769
Experimental Aircraft Association – 1073

Federal Aviation Administration (FAA) – 203p,463,558,772,972, 1072,1073,1074,1265,1271
  Aeromedical Awards – 772
  Civil Aeromedical Institute – 974,979
  Proposed Rule – 1072
Fetal heart monitoring – 1266
Flight Information Service Data Link (FIDSL) – 1073
Flight Nursing & Beyond – 975
FlightPhysical.com – 972
Flight Surgeon's Check List – 878
Florida Institute of Technology, School of Aeronautics – 979
Food & Drug Administration – 1078,1266
Fred A. Hitchcock Award for Excellence in Aerospace Physiology (APS) – 973,1172

Free Flight Program (FAA) – 463
French Aerospace Medical Association – 864
FutureFlight Central (NASA) – 196

General Aviation Safety – 1073
Gentex Corporation – 867
Global Positioning System (GPS) – 1265
Graf Zeppelin – 1264
Greek Aerospace Medical Association – 970
Gulf of Mexico Project (GOMEX) – 1265
Gulf of Mexico Work Group – 1265

Harry G. Moseley Award – 763,872,1271
Harvy W. Watt & Co. – 873,878
Health Insurance Portability & Accountability Act (HIPPA) – 1270
Henry L. Taylor Founder's Award (AHFA) – 876
Honeywell International – 1073
Houston, TX – 98,201,365,368,468
Howard Hasbrook Award (LSBEB) – 867,1271
Hubble Space Telescope – 974
Hubertus Strughold Award (SMB) – 874,974
Humans in Space Symposium, 13th – 970

IBM Corporation – 772
India Institute of Aerospace Medicine – 662
Inflight Medical Kits – 1072
Institute for Social & Preventive Medicine, Zürich University – 1264
International Academy of Astronautics – 970,1075
International Academy of Aviation and Space Medicine – 557,868,979, 1169,1271
International Civil Aviation Organization (ICAO) – 769,979
International Congress of Aviation & Space Medicine (ICASM) – 92,770,1271
International Space Station – 198,660,1075
International Study of Asthma & Allergies in Childhood (ISAAC) – 1269
Internet – 559,972,1076,1171
Internet Airman Medical Certification System (AMCS) – 972

Jefferson C. Davis Wound Care & Hyperbaric MedicineCenter – 873
John A. Tamisiea Award – 766-7,872
John Paul Stapp Award – 767,872
Johnson Space Center – 1073
Julian E. Ward Award – 765-6,873

Kennedy Space Center – 875
Kent K. Gillingham Award – 760,872
Korean Aerospace Medical Association – 864
Kosovo – 96

Langley Research Center, NASA – 1266
Life & Microgravity Sciences Mission – 970
Life Sciences and Biomedical Engineering Branch (LSBEB) – 658,867
  Awards — 867
  President – 768
Lockheed Martin Corporation – 366,873
  Space Operations – 873
Louis H. Bauer Founders Award – 758-9,869,873
Lovelace Award (SNFS) – 875
Lunacorp – 1075

Malaria – 1264
  vaccine – 1269
Mary T. Klinker Award – 763-4,873
Medical care in space, Russian approaches – 1264
Microelectromechanical Systems – 461
Mir – 970,1264
MirCorp – 1075
Morehouse School of Medicine – 1266
Mosquitos, air transport – 1264

NASA – 196,198,366,463,660,768,1073,1266
  Astronaut Candidate Class 2000 – 1073
  NASA-Mir Program – 970
National Academy of Engineering (NAE)–198
National Academy of Science–196,660
National Institute of Allergy & Infectious Diseases (NIAAID) – 1269

National Library of Medicine–559
National Space Biomedical Research Institute (NSBRI) – 1173
National Transportation Safety Board (NTSB) – 1073
NATO – 772
Neurolab Mission – 970
Normalair-Garrett – 867
Novartis Pharmaceuticals Corporation – 869,873,1269

Oklahoma State University – 979

Pan-American Congress of Military Medicine–93
Past President's Plaque (SMB) – 874
Paul Bert Award for Aerospace Physiology Research (APS) – 973,1172
Paxil/Seroxat®–665,1078
Posttraumatic Stress Disorder – 1078
Professional Excellence Award (LSBEB) – 867

Radiation – 198
Raymond F. Longacre Award – 761-2,872
Reflections of Flight Nursing – 1174
Research & Development Innovation Award (LSBEB) – 867
Residency Advisory Committee – 1170
Residency Review Committee of Preventive Medicine – 1170
Ross McFarland Student Award (LSBEB) – 867

Salut 7 – 970
Satellite Surveillance – 768
Science Applications International Corp. (SAIC)–203,366,979, 1078,1269,1270
SDZ ASM 981 (drug) – 1269
Sealaunch – 1075
Seismocardiology, Quantitative – 866
Sidney D. Leverett, Jr. Environmental Science Award – 764-5,872
Signal Processing – 770
SmithKline Beecham Pharmaceuticals – 665,867,872,1078
  Financial Results – 1078
Smoking on Overseas Flights – 865
Society of Automotive Engineers (SAE) – 361
Society of NASA Flight Surgeons (NSFS)– 875
  Awards – 875
Society of USAF Flight Surgeons – 658,873
Society of U.S. Naval Flight Surgeons–656 (president)
Space Life Sciences Graduate Program – 1173
Space Medicine Branch (SMB) – 656,1173
  Annual Meeting Report – 974
  Archive – 974
  Awards – 874,974,1172
  Officers – 974
Space Shuttle–558
Spaceflight, Commercialization – 974
Spacehab – 1075
Spreadsheets – 1071
Stanley N. Roscoe Award (AHFA) – 971

Task Force on Deterrence of Air Piracy – 1272
Theodore C. Lyster Award – 762-3,873
Tuskegee Airmen – 558

Ultrasonic Drill – 660
United Space Alliance – 1075
U.S. Army Aviation Medical Association–658
U.S. Aviation Underwriters, Inc. – 867
U.S. Dept. of Transportation – 865
  Notice of Proposed Rule Making – 865,1072
  Smoking Policy – 865
U.S. National Park Service – 558
U.S. Navy – 867

University of Leeds, School of Biology – 1269
University of Texas Medical Branch (UTMB) – 359,772

Varilux® – 1270
Veridian Corporation – 867,970
VHF Enhanced Radio Network (VERN) – 1265

Wavelet Transforms – 770
Wiley Post Award for Operational Physiology (APS) – 973,1172
William J. Hughes Technical Center, FAA – 1265
William K. Douglas Memorial Lecture – 870
Wireless Communication – 1076
World Health Organization
  home page – 1264
Wright State University – 974,1075,1271
  Space Medicine Branch Archive – 1075
Wyle Laboratories – 872,974

X-Prize – 1075

Young Investigator Award (SMB) – 875,974,1076,1173,1267

Zeolite–360

Index to Names

A

A-Hameed MS – 1272
Abbey G – 870
Acosta AL – 980
Acromite MT – 1176
Aeromedic Innovations – 878,978,980
Agency for Healthcare Research & Quality – 1269
Air Canada – 978,1072
Airline Pilots Assn. – 978,1272
Air Methods Corp. – 978,1078
Air Transport Assn. of America – 1072
AirSep Corp. – 978
Akin A – 770
Alford R – 1173
Allen BL – 878
Allen JP – 970
Allnutt R – 865,868p,871p
Alvarez A – 976,976p,1267
Ambrose M – 769
American Airlines, Inc. – 978
Amezcua-G. LA – 92,868p
AMST Systemtechnik GmbH – 872,978
Anderson JB – 1176
Anderson G – 869p
Andrae BO – 467
Ansett Australia – 978
Antonio J – 1176
Antuñano M – 192,203p,662, 772p,864,874p,1071, 1073p,1075
Anzalone FL – 192,656p,864,865, 870p,969,973,1175,1271p
Anzalone D – 664,1175
Anzalone T – 1175
Anzalone T – 1175
Armstrong HG – 92,868,979
Arnold A – 466,662
Arthur DC – 192,666p,864,1263
Ashe W – 199
AstraZenteca – 1269
Auffret R – 868p
Austin FH – 92,467p
Austrian Society of Aerospace Medicine – 978

B

Babu SC – 878
Baden D – 878
Baghdassarian H – 664
Bagshaw M – 865,1071
Baird L – 877
Baisden D – 662,1075
Baker DP – 361
Baker J – 875
Baker JC – 873p
Baker JP – 762p
Baker SP – 99,870p
Balogh W – 976
Bancroft W – 1269
Bank of America – 872,978
Banta L – 465p
Banyan International – 978
Barclay JR – 763p,873p,1176
Barker C – 201p,365,664
Barker-Casimir L – 201p
Barlow JE – 772
Barnes SL – 980
Barr A – 97
Barratt MR – 1073
Barreria Santa Cruz R – 875
Barson J – 976
Bassick J – 867p
Bassick S – 664
Bautiola JL – 99
Baxter Healthcare Corp. – 978
Bayles KS – 980
Beane RA – 367
Beaty R – 665p
Beck L – 768
Belle Air Senior High Band of Houston – 869p
Belliard F–96
Benjarano D – 1267
Benson A–98
Berg JS – 761,872p
Bergau L – 758p,873p
Berry C – 92,199,869p
Berry D – 771p
Berry M – 362,359,869p
Bettes T – 665p
Billing C – 92
Bionetics Corporation – 876
Bishop J – 662
Blaher E – 970,971p
Blocker DE – 99
Boeing Company – 978
Borders J – 97
Boss JL – 980
Boubel T – 92
Boudreau E – 199,662
Bradshaw BK – 878,1267
Brand V – 199
Brannon BC – 200
Brath M – 664,771p,1268p
Brath W – 771p,873p,1268p
Brazilian Society of Aerospace Medicine – 1271
Breeck KJ – 976p,1176,1267
Brieske TA – 1272
British Airways – 1070
British Overseas Airways – 979
Brown C – 870p
Brown DL – 1079,1176
Brown MJ – 980
Buccello RB – 878,976,1267
Buehrle E – 980
Burfoot RE – 979(obit)
Burner AM – 1176(obit)

C

Cabibbe GM – 878
Caillard G – 875
Caine Y – 195
Call DW – 203
Callan D – 870p
Campbell P – 974
Cannon W – 878
Cantonese AP – 200
Carabitses NL – 979(obit)
Carden H – 867p
Carnes RS – 1079
Carter G – 864,870p,970,1078
Carter J – 870p,970
Carter RM – 1079
Castelo-Branco NAA – 202,868p
Castle-Connelly – 869
Castro AS – 878
Cervenko PR – 878
Chaturvedi A – 1073p
Chelette TL – 200,870,979
Cheung BSK – 764p,872p
Christensen D – 92
Chung N – 878
Cipollini-Ramacci F – 1079
Civil Aviation Medical Assn. – 872
Civil Aeromedical Research Institute – 1271
Clark A – 98
Clark EP – 1176
Clark GL – 99
Cline C – 663
Cline JM – 1272
Clinton WJ – 865
Clyde JW – 1079
Coatsworth MA – 1176
Cocksedge W – 1264
Cohen D – 200
Cohen W – 975
Coker J – 201,771p
Coker WJ – 666
Collier J – 466,974,1075
Collins WE – 92,772p,1073p
Colosky P – 1267
Comprehensive Health Services Inc. – 974
Condit PB – 1079(obit)
Contiguglai SB – 99
Continental Express – 1077
Contreary KJ – 1272
Conway D – 662
Conwell HR – 766p,872p
Coon B – 96
Coons DO – 662
Coriat F – 98,561,664
Courchesne CE – 1176
Cox GR – 367
Creedy KB – 1073
Crognale MA – 1176
Cruttenden J – 1079
Cwiklinski MM – 200

D

Damann V – 974,1075
Damos DL – 772
da Motta Teixeira RC – 1176(obit)
Dara S – 878
Daughtry B – 92,870p
David Clark Co. – 867,978
Davies DM – 666
Davies EJ – 980
Davis A – 873p,878
Davis B – 771p
Davis A – 92
Davis BO – 558
Davis JR – 91p,192,191p,359p, 459p,557p,758,772,869p, 870p,871p,872p,873p,970, 1176,1263
Davis K – 871p
Day PC – 192,561,662,864, 870p, 970,1263
DeBois YM – 199,662,980
DeBondt T – 1176
DeHart RL – 760p,872
DeHaven H – 1271
DeJohn C – 1073p
Delaune EF – 1272
Della Rocco P – 657p,1265
Delorenzo R – 1176
Derrington KL – 980
DeVoll J – 870p
Diesel DA – 200,657p,663,1172
Di Giovan Battista G – 875
Dille R – 92,1271,1271p
DiMaso NA – 878
Dirven PJAC – 878
Division of Vector Biology & Control, WHO – 1264
Dodge RE – 466p,864,874p,974, 1075
Domres B – 1264
Donaldson J – 664
Dooley JW – 99,658,768p,971
Douglas M – 557,870p,1268p
Douglas WK – 557
Dowler ME – 1272
drugstore.com – 1270
DuPree RM (obit) – 203

E

Earwood TL – 980
Edgington K – 367
Ediger MA – 658p,873p
Educational Enterprises, Inc. – 978
Egas R – 203p
Eichner RB – 200,663,1172
El-Rimawi N – 979
Ellington Air National Guard Honor Guard – 869p
Ellis, HG – 878
Embry-Riddle Aeronautical University – 1271
Enriquez MH – 99
Environmental Tectonics Corp. – 872,978
Enzenauer RW – 562
Ernsting J – 92,868p
Essebag V – 875
Essilor of America – 978,1270
Everett RN – 878
Evrand E (obit) – 203

F

Falkenheimer SA – 193,865,1169
Farr RW – 1079
Faulkner J – 98
Faulkner T – 1073p
Ferrara WB – 870p
Fink JS – 1272
Finkelstein S – 92,93,868p,980
Firck RA – 99
Fisher Jr. CH – 191
Fitsimmons P – 875
Fitzpatrick DT – 871p
Fleming EL – 1176
Fletcher DL – 200,202,876
Folga RV – 666
Folson CL – 1272
Fox K – 662
Frankie M – 97
Franklin & Marshall College – 1271
Frantzes – 970
Fraser WD – 867,867p
Frazier JW – 200,562p,867p,868
Fredericks TR – 980
Frey MA – 970

G

Garber M – 1073p
Garrecht CM (obit) – 92,666
Garrido-Lecca G – 1176
Garvey J – 1073
Gawron VJ – 467
Gentex Corp. – 973,978
Gerk CF – 1272
German Air Force Institute of Aviation Medicine – 758
Gernhardt ML – 363
Geyer DE – 203
Ghosh R – 199,662
Gibbons H–92
Gilbert MS – 878
Gilmore S – 976p
Gimenes MJ – 1272
Glace CL – 878
Glazer I–92
Gleaton CH–99
Glenn J – 558,1075
Golden DP – 875
Goldsmith H – 1267
Goodman L – 659
Goodyear A – 1267
Goodyear A-L – 976p
Gove RK – 878
Gradwell DP – 871p
Grant J – 876
Gratz N – 1264
Greek Aerospace Medical Assn. – 970
Green R – 92
Greenstone JL – 1272
Grigoriev A – 1264
Gross L – 193
Grover IR – 467
Gulf of Mexico Work Group – 1265

H

Hadbavny ES – 865,876,979p,1263
Hagensen A – 98
Hama Y – 1176
Hamilton B – 867p
Hamm RM – 1071
Hanifin J – 1269
Hansen H – 92
Hansrote M – 664,772p
Hansrote RW – 979p
Hardicsay G – 92
Harding L – 878,980
Harris B – 970
Harris J – 92
Harris JE – 1176
Harvey W. Watt & Co. – 758,873, 878 ,978
Harvis LH – 1176
Hasbrook AH – 1176(obit), 1271p(obit)
Hasbrook V – 1271
Hasselquist A – 1176
Hathaway GL – 200,663,1176
Hawkins J – 876
Hawkins M – 664p,875
Hawkins S – 561p,664p
Heimbach RD – 92,865,869
Heinrichs C – 657p
Helleur KA – 878
Hiland DA – 1176
Hilborn DJ – 1079
Hilton AD – 1272
Hisken EC – 1272
Hnatiuk CW – 203
Ho J – 1272
Hodgson H – 201,465p,561,771p
Hodgson J – 92
Hoechst Marion Roussel – 978
Hoffler GW – 92,199,875p,1075
Hoffman J – 970
Hollingdale M – 1296
Holoviak SJ – 200
Holt GR – 192,662,864
Honeycutt J – 366
Houghton JD – 878
Hudson MF – 367
Hughes JS – 1272
Hugo V – 459
Hui W – 193
Hummer Whole Health Management – 978
Hunt JC – 878
Hursta W – 875
Husak JP – 99

I

Ingham KA – 1176
Institute for Social & Preventive Medicine, Zürich University – 1264
International Academy of Aviation and Space Medicine – 868,1271
International Academy of Astronautics – 970,1075
International Air Transport Assn. – 758
International Civil Aviation Organisation – 980
International Congress of Aviation & Space Medicine – 1271
International Federation of Air Line Pilots Assns. – 978
Iversen DM – 656p,876,979,1174

J

James S – 980
Japan Airlines – 978
Jasmin BV – 203
Jefferson C. Davis Wound Care and Hyperparic Medicine Center – 873,973,978
Jennings RT – 192,772,864,865
Jensen C – 664
Jernigan M – 98
Johansson L – 980
Johnson P – 195
Johnson R – 199
Jones CP – 878
Jones D – 92,877p,1175
Jones J – 662
Jones JA – 765p,873p
Jones M – 664,771,877p,977, 1077,1175,1268
Jordan J – 196,664,1074
Jordan JL – 772p,1271
Junckerstorff RC – 1272

K

Kadriu L – 97
Kalla A – 97
Kanas N – 974,1075
Kane RL – 878
Kanellopoulos K – 970

Kartman A – 980
Katchen MS – 99
Kaufman JW – 360
Kay WC – 92,196,561,467p(obit), 557,655,864
Kay S – 561
Kellett EM – 878
Kemeny M – 663,1172
Kent K – 975
Kerkkamp H – 1272
Kerwin J – 92,872p
Kibelstis TE – 1272
Kidera G – 92
Kim S-K – 193
Klein S – 878
Kleinsmith CR – 1176
Knipping R – 1272
Knox T – 1076
Koch A – 866
Korean Air – 978
Korean Air-Force Risk Management Agency – 978
Kourtidou-Papadeli C – 466,970,1075
Kozlovskaya I – 1264
Krakauer J – 558
Kranz EF – 364,460p,869p
Kring J – 875
Krock L – 662
Kruyer WB – 871p
Kumpf AL – 1267
Kyriakou G – 1264

L

Lam DM – 772
Lamb J – 97
Lambertsen C–92
Landry J – 977
Landry P – 98p,465p,561,664, 977,1077p,1175
Landry R – 91,977,1175
Langley Research Center, NASA – 1265
LaRoche J – 878
Latecoere International, Inc. – 978
Latz JE – 1079
Latz TT – 1079
Lebegue BJ – 367
Ledderhos C – 874,875,974
Lederer JF – 99
Lee BS – 365
Lee M – 365p
Lee PHU – 199,867p,976p
Lee Y-H – 193
Leino TK – 666
Lennard WT – 1176
Lestage D – 362
Lestage H – 664,869p
Levin K – 970
Lewis SJ – 1078
Liddell RW – 562
Lilly BJ – 664,877
Lim E – 98
Linton J – 196
Litton Life Support – 978
Livingston M – 976
Lobitz B – 768
Lockheed Martin Corp. – 978
Lockheed Martin Space Operations – 873
Lombard C – 195
Long I – 662
Lorch FE – 562
LSBEB – 867
Lubner M – 467
Lucido SJ – 1176
Ludwig JB – 96
Lufthansa – 758
Lunacorp – 1075

M

Mackersie D – 1272
Macmillian AJF – 200
Madison J–96
Madrigrano JL – 1271
Mallis MM–367
Manning CA – 662,865,1071,1265
Mapes P – 193,662,1073p
March PF – 878
Marinelli J – 771p
Marinelli L – 92,771p,877
Marks RJ – 876
Marlowe B – 363,663
Marshall D – 867p
Marshall RD – 1078
Martin G – 662
Martinez-Lopez L – 562
Mason KT – 202
Matusie JH – 878
May GB – 1078
Mayo Clinic – 978
Mayr J – 1176
McCann B – 771p
McCarthy GW – 662,865,969,1077
McCarthy J – 1077p
McCormack P – 866
McDonald H – 366
McGee M – 96
McKeith JJ – 1272
McKenas D – 665
McMonigal KA – 1272
McNish Y – 201
Medaire, Inc. – 978
Medex Assistance Corp. – 978
Medical Student Section, AMA – 1266
Medtronic Physio-Control – 978
Merchant PG – 359,362,662, 863,865
Merritt JC – 657p
Mertens H – 94,971p
Miaoulis WM – 980
Micozzi MS – 191
Miller D – 561,664p,771p,1077p
Millett D – 772p,872p,977,1268
MirCorp – 1075
Mitchell J – 664,771,871p,877p
Mitchell GW – 93,557,655p,757p, 771,863p,864,871p,877p, 969p, 1071p,1169p,1263p
Mitchell WF – 366
Mittleman MH – 1176
Miura Y – 875
Mohamedel A – 878
Mohler SR – 92,662,865,1073, 1263,1271
Mohler U – 201,1077p
Moloff AL – 1079
Monaco WA – 99
Money KE – 760p,872p
Montenegro MA – 93
Moore AM – 1176
Moore P – 970
Moore Jr. RC – 666
Morehouse School of Medicine – 1265
Morgan DR – 980
Morgan T – 663
Morin LM – 871p
Mork M – 98,865
Mork K – 98p
Morphew ME – 1176
Mortimer A – 970
Moser L – 771p
Moultrie L – 876,1174
Mukai C – 970
Muller M – 976,980
Muller RT – 467
Muller TR – 203
Murdoch D – 663
Murdock JE – 200
Murphy DR – 1265
Musashe VW – 200,763p,873p
Musgrave S – 874p,974
Myers J – 974,1076,1267
Myers KJ – 871p,1075,1773

N

Nadel E – 970
Nakagawara V – 1073p
National Air Ambulance – 978
National Institute of Allergy & Infectious Diseases (NIAID) – 1269
National Space Biomedical Research Institute – 1073
Neal DM – 562,665p
Neel S – 92,771p
Nelson WE – 1176
Nesthus TE – 865,969
Newlands JC – 1176
Newman DG – 666,765p,872p
Nichols V – 869p
Nickle CJ – 1271
Nickle S – 664
Nicogossian A – 199
Noonan R – 875
Normalair-Garrett, Ltd. – 978
Norton JP – 973,973p
Nosko MG – 980
Novartis Pharmaceuticals Corp. – 869,873,978,1269
Ntumy R – 99
Nunneley S – 92,662
Nyberg KL – 1073

O

O-Two Systems International – 978
O'Connor R – 973p
O'Neal BA – 1079
O'Toole KJ – 1176
Oei I – 976p
Ogle J – 972
Oksanen P – 870p
Olivarez L – 1267
Olmo O – 663
Olsen K – 970
Olson WA – 971,971p
Oregon Health Sciences University – 1269
Ortega J – 976p,1266
Overland AJ – 980

P

Palma JM – 1272
Park H – 99
Parker J – 92
Parker PE – 202
Parmet AJ – 872p,873p
Pasternack FL – 871p
Patrick Henry Jazz Trio – 871p
Pauldine RW – 1272
Peffers ASR – 666(obit),979(obit)
Peng CM – 871p
Peres M – 875
Perry J – 98
Peters J – 98
Pfizer, Inc. – 978
Phillip WF – 1079
Phillips CA – 1176
Pichlmair W – 872p
Pilmanis A – 867p
Pinnell GA – 980
Pisano AP – 461
Poberezny P – 362
Polyakov V – 970
Pooran ML – 878
Pope JM – 980
Porter HO – 1176
Preventive, Occupational & Environmental Med. – 978
Prior ARJ – 200

R

Rada MA – 1079
Raddin JH Jr – 767,872
Ramaswami RA – 1272
Ramirez T – 975,1174
Randall G – 96
Ravella P – 1174
Ray MW – 980
Rayman L – 365p,561,664p, 977,1077p
Rayman RB – 92p,192,193p,362, 463p,558,561,658p,662,864, 865,869,1071,1072p,1170p, 1263,1264p
Reddy SHK – 1079
Reed RD – 193,864
Reighard HL – 1271p(obit)
Rengifo J – 96
Residents & Fellows' Section, AMA – 1266
Reynolds RC – 666
Richardson RN – 871p
Richardson S – 663,1172
Rickards CA – 878
Riddle RC – 878
Ringo TJ – 1176
Roadman II CH – 562
Roadman CH – 367 (obit)
Robins MS – 1176
Robinson J – 1176
Roden SK – 562
Rogers T – 970
Roman B – 1267
Roosevelt E – 558
Roper DR – 1272
Rosenstrom J – 876,975,1080
Ruark B – 360p,557,870,970
Rudy L. Thompson Elementary School – 976
Ruehle C – 1073p
Ruttley T – 1267
Ryan RP – 99

S

St. Clair JT – 1176
Salazar G – 192,203p,772p,865, 969, 1073p
Scandinavian Airlines System – 978
Scarpa PJ – 466,656p,874p,974, 1075p,1773
Schaffner G – 875
Scheuring RA – 878
Schneider – 876
Schneidman SW – 980
Schroeder D – 92,864,969,973
Schutt W – 200
Science Applications International Corp. – 978, 980,1078,1269,1270
Scott Aviation – 973,978
Scott C – 97
Scott S – 96
Sealaunch – 1075

Sekiguchi C – 974,1075
Self DA – 200
Serkowski RJ – 1272
Serrat G – 98
Sharif OMM – 1176
Shan WA – 1073p
Shapiro JC – 980
Shappell SA – 192,1073p
Sheehnan MD – 1176
Sheffield P – 92
Shender BS – 361,461,559,660,770, 865,866,969,1076,1171,1265
Sherman ES – 973,973p
Sides M – 662,863,864,865,979p, 1078
Siegel P – 92
Siepser SB – 980
Sindoni RV – 878
Siscoe G – 198
Slaughter CD – 1176
Slayton D – 199
Smart KT – 367
Smart TL – 772
Smith B – 975
SmithKlein Beecham Pharmaceuticals – 867,870, 872, 978,1078
Smoak RD Jr – 1072
Sneeder WH Jr. – 562
Sobel A – 95,662
Society of USAF Flight Surgeons – 873
Soloviev V – 1264
Song C – 1079
Soukup JF – 1269,1270
South African Airways – 978
Spacehab – 1075
Spilberg GZ – 1272
Stafford T – 199
Stapp JP – 99,193,195p (obit),557
Staub J – 201
Steel KF – 367
Steffen R – 1264
Stegmann B – 91,662
Stepman HT – 1079
Stokes GN – 980
Stricklin W – 869p
Sullivan S – 1265
Sumpter WK – 562
Sventek J – 193,663,863,864,865, 871p,973,1172

T

Tahran R – 1270
Takahashi E – 664
Takahashi GY – 93,868p
Tarzwell RR – 1176
Taylor H – 92
Taylor M – 98
Telcordia Technologies – 1270
Templa K – 1267
Thagard N – 92
Thibeault C – 93,99,864,868p, 1169
Thirsk R – 970
Thoman M – 1079
Tidaback D – 875
Tilton F – 463,772p
Timmons A – 1176
Tjensvoll L – 1272
Tredici TJ – 92,758p,873p
Trifilo T – 365,465p,561,664
Trinh H – 200,772p,976,980,1266
Tripp L – 466,974,1075
Troche J – 976
Trumbo R – 366,662
Tupper CR – 772
Turner RA – 1176

U

United Airlines – 978,1077
United Space Alliance – 1075
United States Aviation Underwriters – 867,978
Universities Space Research Assn. – 978
University of Illinois Institute of Aviation – 876,971
University of Leeds School of Biology – 1269
Vanderploeg JM – 865,869p,1263
Veridian Corp. – 867,970
Vernikos J – 970
Veronneau SJH – 191,203p, 662, 1073p
Veatronics, Inc. – 1265
Von Maur S – 98

W

Wade K – 559
Wallace J – 871p
Walsh P – 1176
Waring B – 1077
Waring J – 561,664,771,877, 977, 1077p,1175,1268
Waring M – 1077
Watson CM – 878
Watson DB – 871p
Watters RW – 878
Wayda M – 772p
Wayne BA – 1176
Weatherall S – 96
Webb JT – 200
Weick F – 1271
Weien RW – 658,865,1263
Werth DL – 876
West KB – 1176
West KT – 202
Weston M – 97
Whinnery J – 772p,1073p
White DJ – 200,662
White H – 771p,1268p
White R – 970
White SC – 92,364,461p,868p, 870p,1268p
Whitney R – 868
Wickens CD – 876
William J. Hughes Technical Center, FAA – 1265
Williams D – 192,193,364, 460p, 870p
Wilson CE – 980
Wilson J – 664
Wilson RA – 1176
Wolbrink A – 1073p
Wolf D – 980
Wolf M – 869p
Wolthuis RA – 875
Wong SH – 878
Woodard T – 1267
Wootan GW – 980
Wright State Univ. – 974,1075, 1271
Wright JK – 99
Wyle Laboratories, Inc. – 872,974,978

X-Y-Z

X-Prize – 1075
Yamashita K – 878
Yasuhara TT – 202
Yohe S–96
Young LR – 1073
Young P – 976
Zarinczuk J – 1271
Zellers J–464,663
Zeneca Pharmaceuticals Group – 978
Zizka V – 878
Zuckerwar A – 1265